

1995 Bean Germplasm Releases
M. J. Silbernagel, Res. Plant Pathologist
USDA-ARS, IAREC, Route 2, Box 2953A
Prosser, Washington 99350

Approximately 65 dry bean and snap bean lines are undergoing final greenhouse testing to determine their resistance to all the known pathotypes of Bean Common Mosaic Virus (BCMV). A final 10 to 16 lines will be released later this spring with various combinations of resistances including BCMV, the Curly Top Virus, common Fusarium root rot, as well as Fusarium yellows and some rust resistance. These releases will include eight dry bean classes and two snap beans. The top tentative release materials in each class are briefly summarized in Table 1 by seed class and disease resistances.

Table 1. Tentative 1995 USDA Germplasm Releases by Seed Class

Class	1994 Row #	Parents		BCMV	CTV	Fus RR	Fus Yel	Rust	Habit
		Male	Female						
Small Reds	94-4930	A55	NW-59	1 bc 1	R				2a
	94-4931	K-42	Pomp	1	R	S		R	2a
	94-4963	NW-59	A55	1 bc 2 ⁺	R				2a
Grt Northern	94-4914	1798	WM-45	1	R			S	2b
Pinto	94-4913	Oth	Sierra	1 bc 2 ⁺	R	T	S	R	3a
	94-4945	Oth	Sierra	1 bc 2 ⁺	R	T	R	S	3a
Kidney	WK 94-6807	Lisa	Linden	1	R				1
	DR 94-4950	Monte	K-59-7	1	R				1
	LR 94-4907	1122	K-42	1	R	T			1
Black	94-4815	NW-59	A55	1	R	T			2a
Navy	94-4813	gh11	Pearl	1	R	T			2b
	94-5261	NY5-161	A55	1 bc 1	R	T			2a
Pink	94-4954	UNS-117	A55	1	R	T	R		2a
Blk & White Anasazi type	94-4245	Anasazi	A55	1	R				2a
Sm sv BBL	94-4473	1601 1697	2 RH13	1	R	also resistant to HB & anthr			1
Lg Sv BBL	94-4369	281	7345	1	R	crinkle leaf			1

More details on parentage, maturity, seed size, etc., will follow. I wanted to get these brief descriptions out, so those of you who are interested in a seed sample for your 1995 observation nurseries can let me know as soon as possible.